

**BRUHAT BANGALORE MAHANAGARA PALIKE, YELAHANKA ZONE**

Executive Engineer  
Byatarayanapura Division  
B.B.M.P., Bangalore - 92

**SCHEDULE-B**

Issued to :

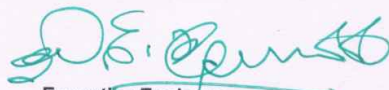
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Name of the Work : Improvements and Ashalting to road from Nanjappa circle Dwaraka chowltry to Saptagiri layout(KEB office) in road in ward No. 09 in Vidyanarayapura sub Division.

| Sl. No. | Quantity. | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Unit | Rates      |                                                                         |
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|         |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      | In Figures | In Words                                                                |
| 1       | 418.00    | Earth work excavation by manual means in hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods etc complete as per specifications and directions of engineer in charge of the work                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Cum  | 90.72      | Rupees Ninety and Seventy Two Paise Only                                |
| 2       | 16.50     | Providing and laying in position <b>plain cement concrete of mix M7.5 with OPC cement @ 180 Kgs</b> using 40mm and down size graded granite metal, coarse aggregates @ 0.85 cum and fine aggregates @ 0.58cum machine mixed, concrete laid in layers not exceeding 15 cms thick, well compacted, <b>in foundation and plinth</b> , including cost of all materials, labour, HOM of machinery, curing etc complete as per specifications and directions of engineer in charge of the work                                                                                                                                                                                                                                                                                                                                                                                                         | Cum  | 4290.84    | Rupees Four Thousand Two Hundred Ninety and Eighty Four Paise Only      |
| 3       | 407.00    | Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for <b>vertical surface</b> such as <b>walls at any thickness</b> , including attached pilasters, buttresses, plinth and string courses cost of all materials, labour etc complete as per specifications and directions of engineer in charge of the work                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Sqm  | 271.08     | Rupees Two Hundred Seventy One and Eight Paise Only                     |
| 4       | 42.90     | Providing and laying in position <b>reinforced cement concrete of design mix M20 with OPC cement @ 320 Kgs with 20mm</b> and down size graded granite metal coarse aggregates @ 0.878cum and fine aggregates @ 0.459 cum with superplastisier @ 3lts confirming to IS 9103-1999 reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works <b>in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, return walls, wall</b> (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing etc complete as per specifications and directions of engineer in charge of the work | Cum  | 5639.76    | Rupees Five Thousand Six Hundred Thirty Nine and Seventy Six Paise Only |
| 5       | 27.89     | Providing <b>TMT steel reinforcement for R.C.C</b> work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery etc complete as per specifications and directions of engineer in charge of the work                                                                                                                                                                                                                                                                                                                                                                                                                   | Qntl | 7450.92    | Rupees Seven Thousand Four Hundred Fifty and Ninety Two Paise Only      |

| Sl. No. | Quantity. | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Unit | Rates      |                                                                          |
|---------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------------|--------------------------------------------------------------------------|
|         |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |      | In Figures | In Words                                                                 |
| 6       | 2475.00   | Scarifying existing stone metal layer upto 75mm thick along with their bituminous surface, picking up scarified materials and stacking of old serviceable materials with lead of 100m, sequential spreading of the salvaged aggregates with fresh aggregates on prepared base and consolidating as per water bound macadam specifications including cost of all labour, HOM of machineries etc complete as per specifications and directions of engineer in charge of the work                                                                                                                                                                                                                                                                            | Sqm  | 72.79      | Rupees Seventy Two and Seventy Nine Paise Only                           |
| 7       | 742.50    | Construction of embankment with approved material gravel/murum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement table 300-2 complete as per specifications. (which includes cost of gravel/murum, watering charges & compaction by vibratory roller) etc complete as per specifications and directions of engineer in charge of the work                                                                                                                                                                                                                                                                                                                                           | Cum  | 166.32     | Rupees One Hundred Sixty Six and Thirty Two Paise Only                   |
| 8       | 693.00    | Providing, laying, spreading and compacting graded stone aggregate to <b>wet mix macadam</b> specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density etc complete as per specifications and directions of engineer in charge of the work                                                                                                                                                                                                                                                                        | Cum  | 1121.04    | Rupees One Thousand One Hundred Twenty One and Four Paise Only           |
| 9       | 2970.00   | Cleaning the existing WBM road surface including removing of binding materials and other foreign matter with wire bushes and small picks, sweeping with brooms or soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries, etc complete as per specifications and directions of engineer in charge of the work                                                                                                                                                                                                                                                                                                                           | Sqm  | 10.53      | Rupees Ten and Fifty Three Paise Only                                    |
| 10      | 2970.00   | Providing and applying primer coat from 12.2 to 14.6kg per 10 sqm for surfaces of high porosity over prepared surface of granular base with cut back M.C.-70 or any other bitumen mixed with diesel at 13 kg per 10 sqm heated in bitumen boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries etc complete as per specifications and directions of engineer in charge of the work                                                                                                                                                                                                                                                                                               | Sqm  | 142.07     | Rupees One Hundred Forty Two and Seven Paise Only                        |
| 11      | 118.80    | Providing and laying <b>bituminous concrete</b> 40mm thick with 100-120 TPH batch type hot mix plant producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 5.4 to 5.6% of mix and filler, transporting the hot mix to work site, laying with hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem roller to achieve the desire compaction as per MORTH specification clause No. 500.9 complete In all respects as per specifications. MORTH specification NO. 509, <b>With bitumen 80/100</b> , etc complete as per specifications and directions of engineer in charge of the work | Cum  | 11284.92   | Rupees Eleven Thousand Two Hundred Eighty Four and Ninety Two Paise Only |
| 12      | 386.52    | Lead for Disposal of Debris shall be payable at carriage rates by Mechanical means including loading and unloading etc complete as per specifications and directions of engineer in charge of the work                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Cum  | 72.71      | Rupees Seventy Two and Seventy One Paise Only                            |

Signature of the Contractor  
**Assistant Executive Engineer**  
**Byatarayanapura Sub-division**  
**KRIDL, BBMP, Bangalore**

  
**Executive Engineer**  
**Byatarayanapura Division**  
**BBMP, Bangalore - 92**